



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

SWA10A-700
Job Sheet 178641



Part No: SWA10A-700

Job Qty: 20 ea

Part Name: Wire Clamp



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/5/18

Job Tracking No:

Due Date: 6/22/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG SWA10A-700 Rev 4 IPP Rev A 17.11.08 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard	Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier Lead Time	
90	Start up Operation	20 Ea	6/22/18	6/22/18	0.00	0.00	Start Up Machining-4	18/06/18
110	Mori Seiki	20 pcs	6/22/18	6/22/18	0.00	5.00	MORI NV5000-2	18/06/18
120	QC	20 pcs	6/22/18	6/22/18	0.00	0.00	QC2	18/06/18
130	QC	20 pcs	6/22/18	6/22/18	0.00	0.00	QC8 ATG	18-06-22
141	Outsource	20 pcs	6/22/18	6/22/18			ATG001-VC ALTECH 10	CTK-6-28
142	Packaging	20 pcs	6/22/18	6/22/18	0.00	0.00	Packaging2	DAS 38
150	QC	20 pcs	6/22/18	6/22/18	0.00	0.00	QC6	9-89
151	Small Fab	20 pcs	6/22/18	6/22/18	0.00	1.67	Small Fab-6	N/A 15-08-20
152	QC	20 pcs	6/22/18	6/22/18	0.00	0.00	QC5	DAS 21
160	Packaging	20 pcs	6/22/18	6/22/18	0.00	0.00	Packaging3	9-89 21
170	QC21-SA	20 Ea	6/22/18	6/22/18	0.00	0.00	QC21	DAS 21

Part Op 110 - Cut blanks to 6" (Makes 4pcs.) 1-Machine as per folio FB659 FOLIO REV: AA DWG REV: 4

Descriptions: 2-Debur ***Blanks cut to 5.625" makes 4pcs.***

141 - Issue P/O to ATG: 00040356 - HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 3 CLASS 2

-Certificate of Conformity is required

151 - Laser engrave P/N as per DWG.

160 - Bag and tag

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6B0.625X01.500	6061-T6 Bar .625 X 1.50	2.3400 ft (.117 ea)	90-Start up Operation	

S021852

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M6061T6B0.625X01.500	2	13	0



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S082076



Part: SWA10A-700

Job No: 178641

Serial No/Batch: S082076

Revision: 4

Inspector:

Exp Date:

Instructions:

Date: 06/18/18

Specifications

could not be found.

Plex 6/5/18 11:31 AM Dart.lajeunesse.marie

240
38
88-6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

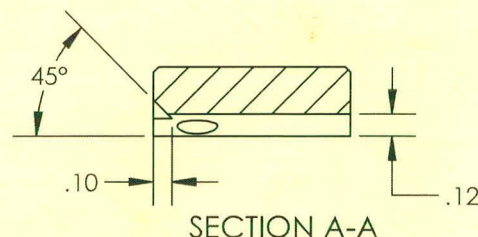
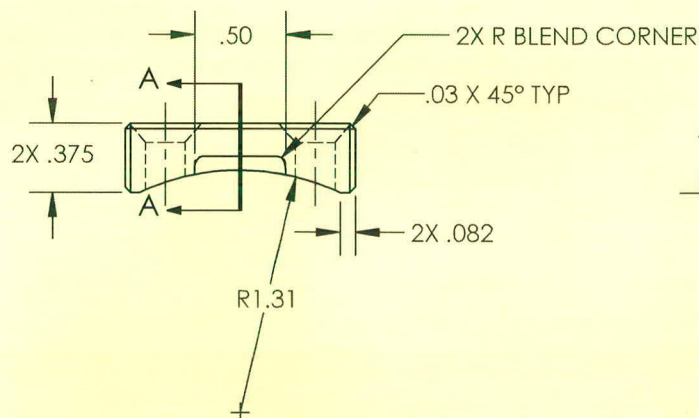
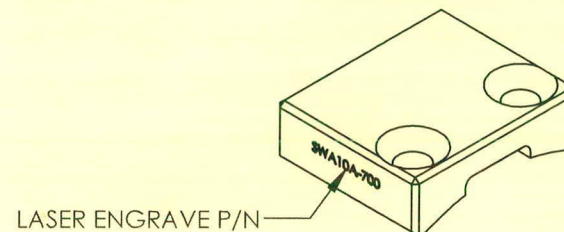
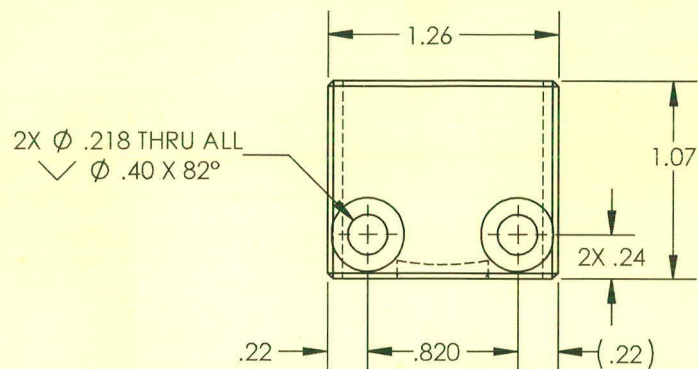
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube</td><td style="width: 15%;">Cross tube</td><td style="width: 15%;">Water Jet</td><td style="width: 15%;">Engineering</td></tr> <tr> <td>Machining</td><td>Small Fab</td><td>Prod. Eng. Coord.</td><td>Quality</td></tr> <tr> <td>Thermoforming</td><td>Finishing</td><td>Rec/Store/Packaging</td><td>Other</td></tr> <tr> <td>Large Fab</td><td>Composite</td><td>Supplier</td><td></td></tr> </table>						Skid-tube	Cross tube	Water Jet	Engineering	Machining	Small Fab	Prod. Eng. Coord.	Quality	Thermoforming	Finishing	Rec/Store/Packaging	Other	Large Fab	Composite	Supplier																																															
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								Lead hand / Supervisor Approval Verification																																																															
								QC / QA Coordinator Approval																																																															
Root Cause <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Environment</td><td style="width: 15%;">No Re-verification</td></tr> <tr> <td>Design</td><td>Operator</td></tr> <tr> <td>Doc/Data</td><td>Offset/Setup</td></tr> <tr> <td>Equip/Tooling</td><td>Supplier</td></tr> <tr> <td>Handling/Pre</td><td>Training</td></tr> <tr> <td>Material</td><td>Use for Testing</td></tr> <tr> <td>Internal Transport</td><td>Poor Information</td></tr> <tr> <td>Tribal Knowledge</td><td>Rushing</td></tr> <tr> <td>LOA</td><td>Product Improvement</td></tr> <tr> <td>Substation</td><td>Process Improvement</td></tr> <tr> <td>Past Expiry Date</td><td>Manufacturing Process</td></tr> <tr> <td>Misidentified</td><td>Past Due</td></tr> </table>		Environment	No Re-verification	Design	Operator	Doc/Data	Offset/Setup	Equip/Tooling	Supplier	Handling/Pre	Training	Material	Use for Testing	Internal Transport	Poor Information	Tribal Knowledge	Rushing	LOA	Product Improvement	Substation	Process Improvement	Past Expiry Date	Manufacturing Process	Misidentified	Past Due	FAULT CATEGORY <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Pressure/Forced</td><td style="width: 15%;">Temperature/Cure</td><td style="width: 15%;">Power Loss/Surge</td><td style="width: 15%;">Positioned Wrong</td></tr> <tr> <td>Bending</td><td>Set-up</td><td>Folio/Program</td><td>Outside Dimensions</td></tr> <tr> <td>Centre Not Concentric</td><td>BOM/Route</td><td>Grain</td><td>Over/Under tolerance</td></tr> <tr> <td>Cracks</td><td>Broken/Damage/Defect</td><td>Weld</td><td>Part Incorrect</td></tr> <tr> <td>Crimp/Kink/Ripple/Wave</td><td>Inspection Incomplete/Unqualified</td><td>Wrong Stock Pulled</td><td>Part Lost/Missing</td></tr> <tr> <td>Cuffs</td><td>Contamination</td><td>Out of Sequence</td><td>Part Moved</td></tr> <tr> <td>Crushing</td><td>Countersink</td><td>Off-set</td><td>Drawing</td></tr> <tr> <td>Heat Treat</td><td>Cut Too Short</td><td>Mislabeled</td><td>Finish</td></tr> <tr> <td>Wave/Twist in Tube</td><td>Instructions Incomplete/Unclear</td><td>Fit/Function</td><td>Misread</td></tr> <tr> <td>Marks/Chatter</td><td>Drill Holes</td><td>Misaligned/off center</td><td>Turning Sequence</td></tr> </table>						Pressure/Forced	Temperature/Cure	Power Loss/Surge	Positioned Wrong	Bending	Set-up	Folio/Program	Outside Dimensions	Centre Not Concentric	BOM/Route	Grain	Over/Under tolerance	Cracks	Broken/Damage/Defect	Weld	Part Incorrect	Crimp/Kink/Ripple/Wave	Inspection Incomplete/Unqualified	Wrong Stock Pulled	Part Lost/Missing	Cuffs	Contamination	Out of Sequence	Part Moved	Crushing	Countersink	Off-set	Drawing	Heat Treat	Cut Too Short	Mislabeled	Finish	Wave/Twist in Tube	Instructions Incomplete/Unclear	Fit/Function	Misread	Marks/Chatter	Drill Holes	Misaligned/off center	Turning Sequence
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OTHER :																																																																							

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
3		AS DRAWN BY CANAM	11/13/2012	JAG
4	16-0271	CH'D DIM WAS 2X R.05 IS 2X R BLEND CORNER.	12/28/2016	RJC
				JAG

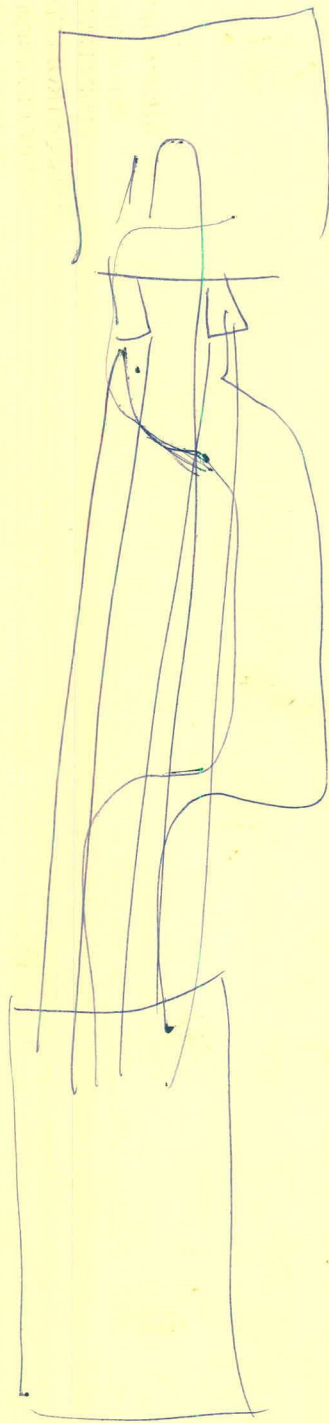


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WITHOUT NOTICE
WORK ORDER

NO. 178641 MWS
180605

DART AEROSPACE	
TITLE WIRE CLAMP	
DWG NO. SWA10A-700	REV 4
MAT'L 6061-T6	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH BLACK ANODIZE	.XX ± .01 ANGLES ± 5°
SPEC MIL-A-8625, TYPE III, CLASS II	.X ± .1 SURFACES = 125/✓
DRAWN BY: CANAM	1. BREAK ALL SHARP EDGES .015 X 45° OR .015R
CHECKED: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	
SCALE 1:1	DATE 1/22/2002
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
			SWA10A-700	1	WIRE CLAMP	6061-T6	





Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040356**

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO040356
PO Date: 6/28/18
Due Date: 7/13/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	178641	SWA10A-700	Wire Clamp -Issue P/O to ATG: _____ -HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 3 CLASS 2 -Certificate of Conformity is required	Firmed	7/13/18	40 pcs	0 pcs	40 pcs	\$8.00/pcs	\$320.00 DAS 38 7-89
2	179370	647.7811	Bracket B Issue P/O to ATG : _____ Hard Black Anodize and Prime as per Dwg 647.7800 Rev. A	Firmed	7/13/18	4 pcs	0 pcs	4 pcs	\$16.75/pcs	\$67.00
3	179369	647.7810	Bracket A Issue P/O to ATG : _____ Hard Black Anodize and Prime as per Dwg 647.7800 Rev. A	Firmed	7/13/18	6 pcs	0 pcs	6 pcs	\$16.75/pcs	\$100.50
4	168294	647.1814	Gusset LH ISSUE P/O: _____ HARD ANODIZE, COLOR BLACK AS PER DWG.(SEE NOTE 2)	Firmed	7/13/18	4 pcs	0 pcs	4 pcs	\$9.15/pcs	\$36.60
	168028			Firmed	7/13/18	10 pcs	0 pcs	10 pcs	\$9.15/pcs	\$91.50
Sub Total:						14	0	14		\$128.10
5	173890	RBE350A93-3302-02-5	Extension Handle -Issue P/O to ATG: _____ -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	7/13/18	12 pcs	0 pcs	12 pcs	\$12.25/pcs	\$147.00
6	168295	647.1815	Gusset RH ISSUE P/O: _____ HARD ANODIZE, COLOR BLACK AS PER DWG.(SEE NOTE 2)	Firmed	7/13/18	4 pcs	0 pcs	4 pcs	\$9.15/pcs	\$36.60

Plex 7/3/18 8:11 AM dart.tsimiklis.chrisoula



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T7
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 915492

Date: 04-Jul-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
40 ea	Part: SWA10A-700 Wire Clamp Hard Anodize per MIL-A-8625F, Type III, Class 2, Black, .0005-.0045" (.5 - 4.5mils) Job: 23372		Rev: 4 PO: PO040356 Line: 1
	DAS 38 9-89		
4 ea	Part: 647.7811 BRACKET B Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Job: 23373		Rev: A PO: PO040356 Line: 2
6 ea	Part: 647.7810 Bracket A Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Job: 23374		Rev: A PO: PO040356 Line: 3
14 ea	Part: 647.1814 Gusset LH Hard Black Anodize per MIL-A-8625, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Job: 23375		Rev: A PO: PO040356 Line: 4 7
4 ea	Part: 647.1815 Gusset RH Hard Black Anodize per MIL-A-8625, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Job: 23380		Rev: A PO: PO040356 Line: 6
Made in Canada.			

Made in Canada.

100

100



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 915492

Date: 04-Jul-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>4/2/18</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.		

AS
38
3-89

Made in Canada.

